



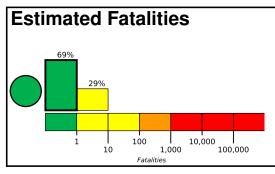


PAGER

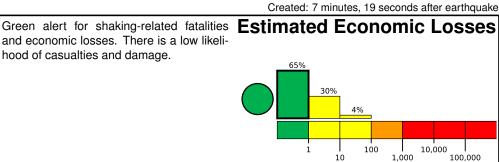
Version 1

M 4.8, 12km SSE of Volcano, Hawaii

Origin Time: 2019-03-13 10:55:13 UTC (Wed 00:55:13 local) Location: 19.3203° N 155.2023° W Depth: 6.3 km



and economic losses. There is a low likeli-



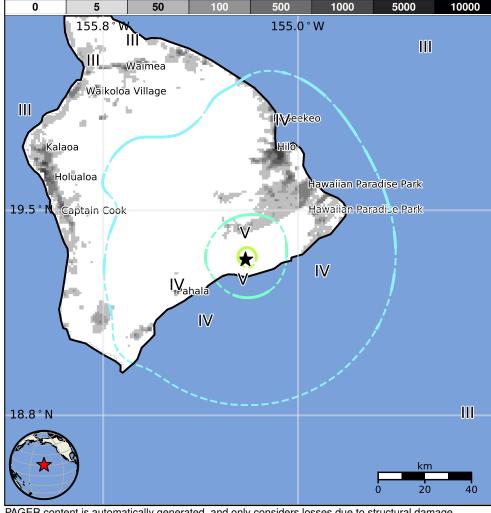
Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		_*	88k*	104k	3k	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	11-111	IV	V	VI	VII	VIII	IX	X+
PERCEIVE	SHAKING	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

^{*}Estimated exposure only includes population within the map area.

Population Exposure

population per 1 sq. km from Landscan



PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

Structures

Overall, the population in this region resides in structures that are resistant to earthquake shaking, though vulnerable structures exist. The predominant vulnerable building types are unreinforced brick masonry and reinforced masonry construction.

USD (Millions)

Historical Earthquakes

Date	Dist.	Mag.	Max	Shaking
(UTC)	(km)		MMI(#)	Deaths
1973-04-26	70	6.2	VII(74k)	0
2006-10-15	102	6.7	VIII(15k)	0
1975-11-29	22	7.2	IX(30k)	2

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
٧	Volcano	3k
IV	Fern Acres	2k
IV	Mountain View	4k
IV	Papa'ikou	1k
IV	Hilo	43k
IV	Hawaiian Acres	3k
IV	Hawaiian Paradise Park	11k
Ш	Kailua-Kona	12k
Ш	Waimea	9k
Ш	Holualoa	9k
Ш	Kalaoa	10k

bold cities appear on map.

(k = x1000)